

Receiving Report

Date:

Batch No:

Supplier:

Dart P/O:

Packing Slip: Yes / No

Invoice: Yes ☒ No ☐

Receipt: Cash _____ Cr

Release Note Attached: Yes

Waybill Attached: Yes

Shipment Complete: ☒ Yes

QC6 Inspection

Work Order

Yes ☒ No

Yes No

Yes 1 No

N/A

•

N/A

N/A

N/A

Discrepancies

Discrepancies						
Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12

Production/Admin:

Date _____

Received/Costing

Initial

Location

I N V O I C E

No: PEC IV-572541

Date: 28Jul11

Sold By:

THYSSENKRUPP MATERIALS NA

2821 LANGSTAFF ROAD

CONCORD, ONTARIO L4K 5C6

Tel: 905 669 9444 Fax: 9057389033

Remit to:

THYSSENKRUPP MATERIALS NA

c/o T27540

P.O. BOX 4275, POSTAL STATION 'A'

TORONTO, ONTARIO M5W 5V8

Due: 27Aug11

Sold To: (20115)

DART AEROSPACE

1270 ABERDEEN ST

HAWKESBURY, ON K6A 1K7

Shipped To: (1)

DART AEROSPACE

1270 ABERDEEN ST

HAWKESBURY, ON K6A 1K7

=====

Shp Dt 28Jul11 Ord Dt 20Jul11 SO No ST-352182 B/L PEC 722437

Trm NET 30 DAYS/NET 30 JOURS PO/Rel 14519

Frnt PREPAID Via VIM TRANSFER TR FOB CINCORD

Slp STAN IVERS (905-532-1350) Pbl

=====

1 ALUMINUM SHEET 2024 -T3	2 PCS		
.0320 Nom X 48.0000" X 144.0000"			44 LBS
MATERIAL	2 PCS @	148.5000 EA	297.00 ✓

2 STAINLESS STEEL FLAT BAR 304-L HRAP	1 PCS	9'	.7500 "
.375" x 3.00" X 108.7500"			34 LBS
MATERIAL	9' .7500 " @	15.2099 FT	137.84 ✓

3 ALUMINUM SHEET 6061 T6	2 PCS		
.1000 Nom X 48.0000" X 144.0000"			135 LBS
MATERIAL	2 PCS @	215.8000 EA	431.60 ✓

Total Shipped: 5 PCS 213 LBS

Interest will be charged at 1.5% per month or

18% per year on overdue accounts.

*** SALES DEPT. OFFICE HOURS ***

7:30 AM TO 5:00 PM - MONDAY TO FRIDAY

**** TEL. 800-926-2600 ****

*** CUSTOMER PICK-UP HOURS ***

*** 9:00 AM TO 4:00 PM ***

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE

ADDED TO EVERY ORDER.***

* WE STOCK STAINLESS STEEL!!!! *

* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

TPS/GST TVH/HST 140223934 RT0001

TVQ - QST 1017327981 TQ0001

Material	Processing	Freight	Other	Taxes	TOTAL DUE
866.44				112.64	979.08

Taxes: ONHSTS 112.64

Page: 1 Last

Thursday, August 04, 2011 7:09:56 AM

All amounts are calculated in domestic currency.

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name		VC-COP001	Thyssenkrupp Materials CA Ltd								
PO14519	4		M2024T3S.032	sf	7/22/2011	8/4/2011	96.0000	\$3.09	0.0000	0	\$297.00 ✓
CAD	No		2024-T3 .032 sheet	sf	96.0000	DESJ02		\$297.00	0.0000	0	
			118523								
	8		M304B0.375X03.000 f	f	7/22/2011	8/4/2011	12.0000	\$15.21	0.0000	0	\$182.52
	No		M304 SS bar .375 x 3.00	f	12.0000	DESJ02	9.000	\$182.52	0.0000	0	
			118523								
	16		M6061T6S.100	sf	7/22/2011	8/4/2011	96.0000	\$4.50	0.0000	0	\$431.61 ✓
	No		6061-T6 .100 Sheet	sf	96.0000	DESJ02		\$431.61	0.0000	0	
			118523								
Total Received Quantity:										204.0000	
Total Qty to Inspect (PO U/M):										0.0000	
Total Reject Quantity:										0.0000	
Total Receipt Value:										\$911.13	
Total Balance Due Quantity:										0.0000	

SHIP FROM: B I L L O F L A D I N G
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

No: PEC 722437
Ship Date 28Jul11 at 8:10 From PFW
Probill
Via VIM TRANSFER TRUCK
FOB CINCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-352182- 1 Your PO # 14519
ALUMINUM SHEET 2024 -T3
.0320 Nom X 48.0000" X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
543794A2	218074	96.00 SFT	2 ✓	44

2) Our Order PEC-352182- 2 Your PO # 14519
STAINLESS STEEL FLAT BAR 304-L HRAP
.375" x 3.00" X 108.7500"

Heat Number	Tag No	Quantity	PCS	Wt LBS
250269	218075	9 ' .7500 "	1 ✓	34

3) Our Order PEC-352182- 3 Your PO # 14519
ALUMINUM SHEET 6061 T6
.1000 Nom X 48.0000" X 144.0000"

Heat Number	Tag No	Quantity	PCS	Wt LBS
635052	218077	96.00 SFT	2 ✓	135

TOTAL:	Tags	PCS	LBS
	3	5	213

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

TOTAL 1 CUSH, 1 PCS, 1 SKID G.W. 361 LBS

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

03/08/2011

B I L L O F L A D I N G
Ship From: THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

No: PEC 722437
Ship Date 28Jul11 at 8:10 From PFW
Probill
Via VIM TRANSFER TRUCK
FOB CINCORD
Frt PREPAID
Route 0- 0 Manifest
Vhcle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

Ship To: (1)
DART AEROSPACE

=====

B I L L O F L A D I N G

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***
**** TEL. 800-926-2600 ****

* WE STOCK STAINLESS STEEL *
* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
ADDED TO EVERY ORDER.***

Page: 2 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
RAPPORTÉES IMMÉDIATEMENT.
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

03/AOÛT 2011

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577

OUTSTANDING PO REPRINT

Purchase Order IDPO14519

Purchase Order Date 7/19/2011

PO Print Date 7/22/2011

Page Number 1 of 3

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name

Vendor Phone

905 669 9444

Vendor Fax

905 738 9033

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty	Unit Price	Extended Price
----------	--	------------------------	----------------------	---------	------------	----------------

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M303H0.625	HEX BAR .625	7/22/2011 Yes	12.00 f	Yours ppd	\$9.1700	\$110.04

Special Inst: MATERIAL: AISI 303 SS HEX BAR AS
PER ASTM A582
NOTE: AISI 304/316 NOT
ACCEPTABLE

Line Total: \$110.04

4	M2024T3S.032	2024-T3 .032 sheet	7/22/2011 Yes	✓ 96.00 sf	Yours ppd	\$3.0938	\$297.00
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Special Inst: MATERIAL: 2024-T3 ALUMONUM
SHEET AS PER
QQ-A-250/4 OR AMS-QQ-A-250/4 OR

Line Total: \$297.00

REFERENCE ONLY

7/22/2011

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577

OUTSTANDING PO REPRINT

Purchase Order IDPO14519

Purchase Order Date 7/19/2011

PO Print Date 7/22/2011

Page Number 2 of 3

Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Contact Name
Vendor Phone 905 669 9444
Vendor Fax 905 738 9033
Vendor Account Nbr

Buyer Chantal Lavoie
Requisition Nbr
Tax Resale Nbr 10127-2607
Terms Net 30
Currency CAD
FOB Destination-Collect

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty	Unit Price	Extended Price
----------	--	------------------------	----------------------	---------	------------	----------------

AMS 4037
OR ASTM B209

7	M304S16GA	304/316 Sheet .063	7/22/2011 Yes	96.00 sf	Yours ppd	\$6.6094 \$634.50
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Special Inst: MATERIAL AS ABOVE

Line Total: \$634.50

8	M304B0.375X03.000	M304 SS bar .375 x 3.00	7/22/2011 Yes	12.00 9.000 ^f	Yours ppd	\$15.2100 \$182.52
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Special Inst: MATERIAL: AISI 304/316 SS BAR OR
AISI 304/316
SS PLATE AS PER ASTM A276 OR
ASTM A240
NOTE: AISI 303 NOT ACCEPTABLE

Line Total: \$182.52

9	M304B0.625X3.000	304 BAR .625 X 3.00	7/22/2011 Yes	12.00 f	Yours ppd	\$23.0300 \$276.36
---	------------------	---------------------	------------------	------------	-----------	-----------------------

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

7/22/2011

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577

OUTSTANDING PO REPRINT

Purchase Order IDPO14519

Purchase Order Date 7/19/2011

PO Print Date 7/22/2011

Page Number 3 of 3

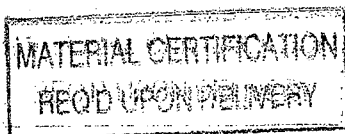
Order From :

VC-COP001

THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	905 669 9444	Requisition Nbr	
Vendor Fax	905 738 9033	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	Destination-Collect

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty	Unit Price	Extended Price
		Special Inst: MATERIAL AS ABOVE			Line Total:	\$276.36
16	M6061T6S.100	6061-T6 .100 Sheet	7/22/2011 Yes	96.00 sf	Yours ppd \$4.4959	\$431.61
		Special Inst: MATERIAL: 6061-T6 / T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A- 250/11 OR AMS 4025/AMS 4027 OR ASTM B209			Line Total:	\$431.61
					Outstanding PO Total:	\$1,932.03



Change Nbr: 4

Change Date: 7/22/2011

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

07/29/11
06:48 PM EDT

STELfax

From: THYSSENKRUPP MATERIALS NA
root
Tel:
Fax:

To: DART AEROSPACE
Attn: CAROL
Tel: 613-632-5200
Fax: 1613632-1053
Number of Pages: 2

Subject: Auto Faxing of Invoices

Auto-FAX of Invoices

B I L L O F L A D I N G

No: PEC 722437

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 9057389033

Ship Date 28Jul11 at 8:10 From PFW
 Probill
 Via VIM TRANSFER TRUCK
 FOB CINCORD
 Frt PREPAID
 Route 0- 0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7

Ship To: (1)
 DART AEROSPACE
 1270 ABERDEEN ST
 HAWKESBURY, ON K6A 1K7
 Tel: 613-632-9577 Fax: 613-632-1053

B I L L O F L A D I N G

1) Our Order PEC-352182- 1 Your PO # 14519

ALUMINUM SHEET 2024 -T3

.0320 Nom X 48.0000" X 144.0000"

Heat Number	Tag No
543794A2	218074

Quantity	PCS
96.00 SFT	2

MTR'S SENT Wt LBS
 44

2) Our Order PEC-352182- 2 Your PO # 14519

STAINLESS STEEL FLAT BAR 304-L HRAP

.375" x 3.00" X 108.7500"

Heat Number	Tag No
250269	218075

Quantity	PCS
9 .7500 "	1

MTR'S SENT Wt LBS
 34

3) Our Order PEC-352182- 3 Your PO # 14519

ALUMINUM SHEET 6061 T6

.1000 Nom X 48.0000" X 144.0000"

Heat Number	Tag No
635052	218077

Quantity	PCS
96.00 SFT	2

MTR'S SENT Wt LBS
 135

TOTAL:	Tags	PCS	LBS
	3	5	213

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
 WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
 TO SHIPPING.

ATTN: CHANTAL/LINDA

** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **

** REFERENCED ON IT **

TOTAL 1 CUSH, 1 PCS, 1 SKID G.W. 361 LBS

Page: 1Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

MTR to be faxed

B I L L O F L A D I N G

Ship From:
 THYSSENKRUPP MATERIALS NA
 2821 LANGSTAFF ROAD
 CONCORD, ONTARIO L4K 5C6
 Tel: 905 669 9444 Fax: 9057389033

No: PEC 722437
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 Route 0- 0 Manifest
 Vhcle Trailer
 Slp STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE

Ship To: (1)
 DART AEROSPACE

B I L L O F L A D I N G

*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA
 CONCORD, ONT.* *** 9:00 AM TO 4:00 PM ***
 **** TEL. 800-926-2600 ****

 * WE STOCK STAINLESS STEEL *
 * PLEASE LET US QUOTE YOUR NEXT REQUIREMENT *

 ***PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE
 ADDED TO EVERY ORDER.***

Page: 2 Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE
 RAPPORTÉES IMMÉDIATEMENT.
 ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
 RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.
 MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION
 VQ/QST# 1017327981 TQ001 TPS/GST TVH/HST # 140223934 RT0001

DATE

SHIP TO: THYSSENKRUPP AEROSPACE(KENT) 5002 D STREET NW BUILDING 35 S AUBURN, WA 98001
SOLD TO: THYSSENKRUPP AEROSPACE(KENT) 6811 SOUTH 204TH STREET SUITE 400 KENT, WA 98032

KAISER

ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number

4225232

CUSTOMER PO NUMBER: 55F462		WORK PACKAGE:	CUSTOMER PART NUMBER: 061814-0		SHIP RUN/LOAD: 102041/10	GOVT CONTRACT NUMBER:	
KAISER ORDER NO: 1110685	LINE ITEM: 1	SHIP DATE: 29-APR-2011	ALLOY: 2024	CLAD: BARE	TEMPER: T3	PRODUCT DESCRIPTION: HT Flat Sheet	
WEIGHT SHIPPED: 3056 LB	QUANTITY: 135 PCS EST.	B/L NUMBER: 2031860	GAUGE: 0.0320 IN		DIAMETER/WIDTH: 48.000 IN		LENGTH: 144.000 IN

Certified Specifications

AMS 4037/RevN
CMMP 019/RevD

AMS-QQ-A-250/4/RevA
CMMP 025/RevT

ASTM B 209/Rev07

Test Code: 4504

Test Results

Lot: 543794A2 Cast 530

Drop 18

Ingot 1

Melted in USA

(ASTM E8/B557)
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T3	LT / 2 (Min:Max)	68.2 : 88.5 (470 : 472)	45.5 : 45.8 (314 : 316)	16.0 : 16.1

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.11	0.19	4.5	0.56	1.3	0.01	0.12	0.02	0.01	0.00	TOT 0.05

ALLOY LIMITS

	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
2024												
MIN	0.00	0.00	3.8	0.30	1.2	0.00	0.00	0.00	0.00	0.00	EACH	0.05
MAX	0.50	0.50	4.9	0.9	1.8	0.10	0.25	0.15	0.05	0.05	TOT	0.15

Aluminum Remainder

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4225232

CERTIFICATION

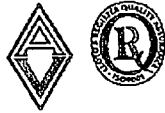
KAISER ALUMINUM FABRICATED PRODUCTS, LLC (KAISER) HEREBY CERTIFIES THAT METAL SHIPPED UNDER THIS ORDER WAS MELTED IN THE UNITED STATES OF AMERICA OR A QUALIFYING COUNTRY PER DFARS 225.872-1(a), WAS MANUFACTURED IN THE UNITED STATES OF AMERICA, AND MEETS THE REQUIREMENTS OF DFARS 252.226 FOR DOMESTIC CONTENT. THIS MATERIAL HAS BEEN INSPECTED, TESTED, AND FOUND IN CONFORMANCE WITH THE REQUIREMENTS OF THE APPLICABLE SPECIFICATIONS AS INDICATED HEREIN. ALL METAL WHICH IS SOLUTION HEAT TREATED COMPLIES WITH AMS 2772. ANY WARRANTY IS LIMITED TO THAT SHOWN ON KAISER'S STANDARD GENERAL TERMS AND CONDITIONS OF SALE. TEST REPORTS SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF KAISER ALUMINUM FABRICATED PRODUCTS, LLC LABORATORY. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTIRE ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW. ISO-9001:2000 CERTIFIED.


BILL POYNOR, LABORATORIES SUPERVISOR

Page 2 of 2

54-10600

**Acciaierie
Valbruna S.p.A.**



**CERTIFICATO DI COLLAUDO
ABNAHMEPRUEFZEUGNIS
INSPECTION CERTIFICATE
CERTIFICAT DE RECEPTION
EN 10204 (2005) , 3.1**

36100 VICENZA (Italia) - Viale della scienza, 25 z.i.
Stab.: 39100 BOLZANO (Italia) - Via A. Volta, 4
Clienti / Kunden / Clients:
VALBRUNA STAINLESS INC.
2400 TAYLOR STREET WEST
46801-FORT WAYNE, IN 46801-USA

Produttore: ACCIAIERIE VALBRUNA S.P.A.
Hersteller / Fabricator

Avviso di Spedizione: D-VH10013505
Lieferungsbeleg / Packing list

Certificato nr: MEST869678/2010/
Prüfung / Test / Essai

Conferma ordine nr: EH0001456
Werk Auftragsnr.

Marchio di Fabbrica:
Zeilchen des Herstellers
Trade mark
Signe de la marque



Funzione del Collaudatore:
Geprüft von / Werkssachverständiger
Inspector / stamp / Inspecteur de l'assurance

Oggetto Prove: Descaled Annealed Hotrolled
Prüfungsgut / Material / Matière

Tipo di Elaborazione: E+AOD
Erzeugnis / Herstellung / Prozess / Mode d'élaboration

Specifico:
Anforderungen / Requirements / Exigences

YS1 0 304/304L A
AMS-QQ-S-763 B 304/304L A
ASME SA276 2007 S30400/03 A 2
ASTM A182 2008A S30400/03 A 2
ASTM A276 2008A S30400/03 A
ASTM A370 2003A
MIL-S-882 B/1 304/304L
(1) SEC.II PTA 2007 EDITION ADD. 2009b
(2) SEC.II PTA 2007 EDITION ADD. 2009b
(3) SEC.II PTA 2007 EDITION ADD. 2009b
(5) Chemical analysis only and mechanical properties.
(7) * ISO 15156-3

AMS 5639 H S30400 A
ASME SA182 2007 S30400/03 A 2
ASME SA320 2007 B8 CLASS1 2
ASTM A193 2008 B8 CLASS1
ASTM A314 2008 S30400/03
ASTM A473 2001 S30400/03 2
NACE MR0175 2003 S30400/03 A 7

AMS 5647 H S30403 A
ASME SA193 2007 B8 CLASS1 (1)
ASME SA479 2007 S30400/03 A (9)
ASTM A262 2002A PRACTICE E
ASTM A320 2008 B8 CLASS1
ASTM A479 2009 S30400/03 A
QQ-S-763 F 304/304L A

Chemical analysis only and mechanical properties.
2SEC.II PTA 2007 EDITION ADD. 2009b
4SEC.II PTA 2007 EDITION ADD. 2009b
6Chemical analysis only.

Cuscia: 304/304L
Werkstoff / Grade / Matière

Marchio AISI
Mechanische Zeichnung / Brandmarken

Punzonatura: 304/304L
Kornzeichnung / Marking / Marquage

Pos. nr. Pos. nr. Item nr. Nr. des posts	Oggetto Object Produit description Description du produit	Dimensioni - In Abmessungen Dimensions	Tolleranza Toleranz Tolérance	Lunghezza - In Länge Length Longueur	Costr. Steel Schweißer Heat Coudito	Pezzi Stückzahl Pieces Pièces	Peso - LB Gewicht Weight Poids	Lotto nr. Lose Lot nr. Lot nr.
0030	Flat	3,0000 x 0,3750	484-08	144 / 159	250269		1.495	930700640

Sono state soddisfatte tutte le condizioni richieste
Die gestellten Anforderungen sind in Anlage erfüllt
This material has been furnished in accordance with the requirements
Le matériel a été livré conforme aux exigences

Controllo antimiscelanza: OK
Vermischungsprüfung: spezialverfahren durchgeführt
Antiblocking testing performed OK
Controllo trafilamento: OK

Controllo visivo e dimensionale: soddisfa le esigenze
Inspektprüfung und Abmessung: ohne Beanstandung
Visual inspection and dimensional check satisfactory
Contrôle visuel et dimensionnel: satisfaisant

TEST ALLO STATO DI FORNITURA										
Test on delivery condition Prüfung auf Lieferzustand Produkt test a l'état de livraison Prueba sobre el material así como entregado										
TEST	Prove/Verfahren Spezialverfahren Log. des Vers. Datei des Vers. Datei des Vers. Datei des Vers. Datei des Vers. Datei des Vers.	°F	Prova Versuch Essai	Snervimento Zugversuch Tensile strength Rp 0,2% R _{eL}	Snervimento Zugversuch Tensile strength Rp 0,2% R _{eL}	Resistenza Zugversuch Tensile strength Rm k.s.l.	Allungamento Zugversuch Elongation E 4d %	Strizione Zugversuch Reduction of area RA %	Resistenza Zugversuch Tensile strength Rm k.s.l.	Durezza Härte Hardness Dureté HB
Valori richiesti 1 Anforderungen 1 Requirements 1 Valeur requises 1		min max		30	-	75 115	- 40	- 50	-	140 235
A	8,75	68	L	43		88	58	67		179
TEST						min	max			
A	Grain size for ASTM E112						5			

Mechanical properties according to ASTM A370.

Analisi chimica

Chemische Zusammensetzung / Chemical Analysis / Analyse chimique

Costr. Steel Schweißer Heat Coudito	min - max: 0,030	1,00	2,00	18,00 20,00	1,00	1,00	8,00 10,00	0,040	0,020 0,030	0,100	-	-	-	-	-
C %	Si %	Mn %	Cr %	Mo %	Cu %	Ni %	Co %	P %	S %	N %					
250269	0,020	0,34	1,66	18,70	0,47	0,54	8,12	0,110	0,030	0,024	0,094				

Produced without class HI Ozone depleting substances.
Solution heat treated free from continuous carbide network.
Annealing temperature: 1940°F for 0.5 hr/water.
Micro and macro etch test: OK

Vicenza, 05/05/10 V00000 (Mod. MCEP)	Il collaudatore di stabilimento / der Werkssachverständige / Works Inspector / L'agent d'usine M. Rizzotto	Pagina - 1 di 2
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Acciaierie Valbruna S.p.A.



38100 VICENZA (Italia) - Viale della scienza, 25 z.l.
Stab.: 38100 BOLZANO (Italia) - Via A. Volta, 4

Città / District/Postfach/City
VALBRUNA STAINLESS INC.
2400 TAYLOR STREET WEST
46801-FORT WAYNE, IN 46801-USA

Produttore: ACCIAIERIE VALBRUNA S.P.A.
Hersteller/Hersteller production

Oggetto Prova: Deceased Annealed Hotrolled
Prüfunggegenstand: Deceased Hotrolled

Avviso di Spedizione: D-VI10013505
Lieferungsauftrag/Prüfungsauftrag

Ordine nr: 26534 STOCK CAROL STR
Bestell/Nr. order/Bestellnr.

Tipo di Elaborazione: E+AOD
Erzeugnisart/Erzeugnisart/Modus der Herstellung

CERTIFICATO DI COLLAUDO
ABNAHMEPRUEFZEUGNIS
INSPECTION CERTIFICATE
CERTIFICAT DE RECEPTION
EN 10204 (2005), 3.1

Certificato nr: MEST869678/2010/
Prüfung/Traffic

Conferma ordine nr: E110001455
Bestätigung der Bestellung

Marchio di Fabbrica:
Zeichen des Herstellers
Trade mark:
Sign of the producer



Firma del Collaudatore:
Unterschrift des Werkzeugeingangsinspektors
Inspector's signature/Prüfer des F.zeuges

Intergranular corrosion test per ASTM A262 pract. E: ok.
Material is DFARS Compliant

Made and manufactured in Italy No welding or weld repair Material free from Mercury contamination
We declare that the finished product is checked for radioactive contamination through Portal System when it leaves the production plant.
The Quality Management System is Certified acc. Procedure Equipment Directive [87/22/EEC] Annex 1, A.4.3 by TÜV and LLOYD'S

Vicenza, 05/05/10 VCCS00 print: 100509	Il collaudatore di stabilimento / der Werkzeugeingangsinspektor / Works Inspector / L' agent d' usino M. Rizzotto	Pagina - 2 di 2
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CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS - 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet.

This test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

Per:

Harold Murphy
Director of Manufacturing Davenport Works

Tennence Thom
Quality Assurance Manager

Page 1 of 2

1264859 Ship Date	0 B.L. No.	Invoice No.	Alcoa No.	Item
2011-07-07	6059277	00000	1000302431-3	DS-02431-3
P.O. No./Govt Contract No.	Customer	Alcoa Item		
5400105132 Ln#: 0040	COPPER & BRASS SAL	G041015427R11		

Ship To: COPPER & BRASS SALES INC
13338 ORDEN DR BUILDING R
SANTA FE SPRINGS 90670 CA

Item Description
0.1 IN TK (+0.0000 -.0060) X 48.0 IN W (+.125 -
.125) X 144.0 IN LN (+.15625 -.15625) CAT D 126913 (N) A/T 6061-
T6 FLAT SHEET FOR DISTRIBUTORS TOLERANCE
GUARANTEED. AMS4027 REV N ANS1H35.2 REV 2009 EXC_MRK ASME-SB-
209 REV 10 EXC_MRK ASTM209 REV 07
(MARKED)) KRAFT PAPER INTERLEAVED
MAX GROSS SKID WGT: 4750 LB QUAN TOL +/-
10 % CQR D126913 REV 39 CUST REQ 11-07-
05 *** W/E 11-08-06 ***

Num	Package Ticket	Lot	Weight	Quantity	DOM	Inspector Clock Numbers
1	313131	635052	3875	60	PC	27112 47199

Notes for CQR: D126913.39
PRODUCT PRODUCED TO THE REQUIREMENTS OF AMS4027 REV N ALSO MEET THE REQUIREMENTS OF AMS-QQ-A-250_11 ORIGINAL REVISIO N DATED 1997-08-01.

CQR: D126913.39 -Specification Limits

Temp	Dir	Max	Min	UTS KSI	TYS KSI	EL4D PCT
T6	Long Transv.	42.0	35.0	10		

Chemical Composition	SI	FE	CU	MN	MG	CR	ZN	TI	Other	Other	Total Aluminum
Alloy 6061	Max	0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15
Lot: 635052	Min	0.40	0.15	0.8	0.04						

Mechanical, Physical, Metallography, Quantometer Results

Temp	Dir	No.	Test	UTS KSI	TYS KSI	EL4D PCT
T6	Long Transv.	10		48.8	44	10.4
				48.7	43.9	10.2

2011-Jul-29 04:52 AM ThyssenKrupp 9056691787

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CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any specifications forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet.

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Per:

Malcolm Murphy

Malcolm Murphy
Director of Manufacturing Davenport Works

Terence Thom

Terence Thom
Quality Assurance Manager

Page 2 of 2

Lot: 635052 - Mechanical, Physical, Metallography, Quantometer Results (cont.)

48.6	44	10.2
48.4	43.8	10.4
48.6	43.9	10.8
48.6	43.8	10.6
47.1	42.3	10.6
46.6	41.7	10.8
47.2	42.2	10.8
46.7	41.8	10.7

Cast Number	Chemical - OES	SI	FE	CU	MN	MG	CR	ZN	TI
H9926042	Actuals	0.65	0.4	0.26	0.08	0.9	0.16	0.04	0.02

This material was melted in the United States or a Qualifying Country [REF DFARS 225.872.1(a)]; it was manufactured in the United States

1264859 Ship Date	B.L. No.	Invoice No.	Alcoa No.	Item
2011-07-07	6059277	00000	1000302431-3	DS-02431-3
P.O. No./Govt Contract No.	Customer	Alcoa Item		
5400105132 Ln#: 0040	COPPER & BRASS-BAL	G041015427R11		

2011-Jul-29 04:53 AM ThyssenKrupp 9056691787

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